Comparative Public Library Report

DATA FOR MASSACHUSETTS FY84

DECEMBER 1984

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS

648 Beacon Street, Boston, MA 02215

S3870-1

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Introduction

This report is designed to facilitate the comparison of FY84 support and activity levels among public libraries and, in combination with past issues, to contribute to longitudinal analysis undertaken by individual libraries. Using data reported on the FY85 Library Incentive Grant Application and the Annual Report Information Survey forms, indicators of library support and activity are identified and percentage and per capita figures are computed for reporting municipalities.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1984. Twenty-three libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1983. The work week and full-time equivalents (FTE) data are reported as of July 1, 1984.

The report reflects financial and hours open data for 316 or 91% of the 346 municipalities with public libraries. A total of 325 or 94% of the municipalities supplied holdings, work week, and staffing data; 324 supplied circulation data. The five municipalities without public libraries are not listed in the report. They are Hawley, population 280, population rank 345; Millville, population 1,693, rank 289; Montgomery 637 and 332; New Ashford 159 and 349; and Washington 587 and 336 respectively.

ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide data for selected indicators follow the Introduction. The Usage Notes preceding the Summary Tables illustrate how those tables may be used. They also contain a formula for calculating percentiles not appearing in the Summary Tables.

Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. Because of the small number of municipalities in group VI, the percentiles for this group should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in

excess of 100,000. Data for these municipalities appear in the municipal tables only.

Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census. See the Index to determine in which population group a municipality falls.

INDICATORS OF LIBRARY SUPPORT & ACTIVITY

In addition to 1980 population, 1980 population rank, and regional system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables: Total Operating Income Per Capita; Appropriated Municipal Income Per Capita; Total Operating Expenditures Per Capita; Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures; Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures; Holdings Per Capita; Circulation Per Capita; Hours Open in the Winter and Summer; Hours in the Work Week; and Full-Time Equivalents of staff.

The emphasis of the report is municipal data. Therefore, we ask that the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services be omitted from the report.

Only three categories of federal and state funds have been included in the report. Libraries were asked to include federal revenue sharing, the Massachusetts Library Incentive Grant and the Additional Aid to Public Libraries monies in their income and expenditure figures.

The Total Operating Income data are not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Appropriated Municipal Income plus trust or endowment income, and/or income from monetary gifts or miscellaneous sources.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. Some funds, for example, restrict expenditures to materials on a relatively narrow topic. As a result, a library's operating income will appear inflated until selected materials complying with the fund requirements are acquired.

Print and non-print data are combined in the Holdings and Circulation indicators.

Hours Open, Winter and Summer, displays the number of hours in an average week that the library was open to the public in FY84. Hours for branch libraries are included if they do not overlap main

library hours.

Hours in the Work Week, for larger libraries, is the number of hours typically worked per week by a full-time employee. For smaller libraries where no one works 35 hours, the figure is the greatest number of hours worked in a typical week by a salaried staff member. Depending on the municipality, that work week may be considered full-time, even though it is less than 35 hours.

The full-time equivalents (FTE) reflect paid staff, excluding those paid by state or federally subsidized employment programs. As with the municipal tables in last year's report, one FTE = 35 hours.

With one exception, this report reflects the combined levels of library support and activity for all reporting libraries within municipalities with more than one library system receiving public funds. Only the Paige Memorial Library supplied work week, holdings, circulation, and FTE figures for Hardwick.

LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY85 Library Incentive Grant Program.

STATEWIDE DATA

Data for selected financial and collection indicators are shown for the last three fiscal years with per capitas based on the population served by the libraries responding each year.

Unlike last year's report, the statewide FTE figures do not include staff paid through state or federally funded employment programs.

Please note these changes, which reflect a correction and late responses, to last year's data: the total number of full-time equivalents increased by 3.37% between FY82 and FY83 and by 4.08% between FY81 and FY83.

The agency welcomes your comments and suggestions and examples of how the report is being used.

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STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 82-84

(per capita figures in parentheses)

FY[a]	No. of Reptg Libs.[b]	No. of Reptg Muns.[b]	Total Operating Income $	Appropriated Municipal Income $	Total Operating Expenditures $	Salary Expenditures $	Materials Expenditures $	Holdings	Circulation	FTE[h]
1982	349	319	60,930,302 (10.85)	57,379,771 (10.22)	59,513,445 (10.60)	41,201,035 (7.34)	9,111,205 (1.62)	25,683,464[c] (4.54)	32,996,215[d] (5.92)	3365.0[c]
1983	341	314	66,446,313 (11.89)	62,451,848 (11.18)	64,449,491 (11.54)	44,215,363 (7.91)	10,721,444 (1.92)	25,974,565[e] (4.60)	33,070,066[e] (5.86)	3482.7[e]
1984	343	316	71,306,842 (12.72)	67,354,474 (12.02)	69,740,452 (12.44)	47,682,511 (8.51)	11,307,680 (2.02)	26,397,755[f] (4.67)	31,276,373[g] (5.53)	3561.5[f]
82-83	% CHANGE IN PER CAPITA FIGURES		9.59	9.39	8.87	7.77	18.52	1.32	-1.01	3.50%
83-84			6.98	7.51	7.80	7.59	5.21	1.52	-5.63	2.26%
82-84			17.24	17.61	17.36	15.94	24.69	2.86	-6.59	5.84%

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.
FY82, population served by responding libraries for financial indicators = 5,615,381
for holdings data = 5,661,715
for circulation data = 5,569,297
FY83, population served by responding libraries for financial indicators = 5,586,706
for holdings and circulation data = 5,644,210
FY84, population served by responding libraries for financial indicators = 5,605,527
for holdings data = 5,657,959
for circulation data = 5,655,648

a. Fiscal year applies to all indicators except FTE which are reported as of July 1 of each year
b. Reporting financial data
c. Holdings and FTE data based on 357 libraries reporting from 327 municipalities
d. Circulation based on 356 libraries reporting from 326 municipalites
e. Holdings, circulation, and FTE data based on 353 libraries reporting from 326 municipalities
f. Holdings and FTE data based on 352 libraries reporting from 325 municipalities
g. Circulation based on 351 libraries reporting from 324 municipalities
h. Rate of change calculated on gross figures, not per capita figures

Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

The Mean — a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

Percentile Rank — describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of $6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

The Median — the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

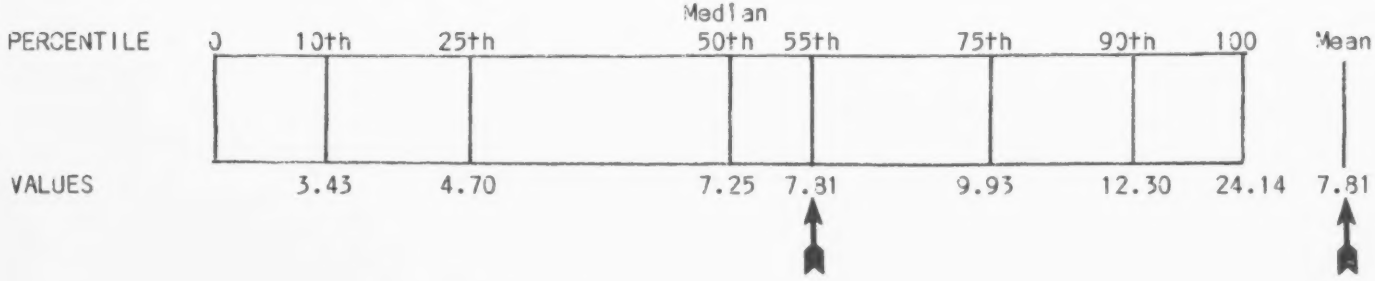
As mentioned in the Introduction, percentiles are not the most descriptive measures when the sample size is small, the distribution is skewed, or the range of values is small. This is especially evident in Tables E and G. In Table G, for example, 16% is displayed as the value of both the 10th and 25th percentiles for the 10,000-24,999 population group. This is the result of a skewed distribution in a range of values consisting of rounded whole numbers.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used to compare a municipality with those in its population group or in other population groups.

Example A: In some instances, the value of an indicator may fall between the displayed values of a statistical measure, for example, between the median (50th percentile) and the 75th percentile.

For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to $7.81 per capita.

From Summary Table D, we see that 7.81 falls between the values of the median (7.25) and the 75th percentile (9.93). We can estimate that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 55% of the municipalities reporting in this population group.



Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 55th percentile in Example A. This was done by:

a - Finding the difference between the displayed values falling above (9.93) and below (7.25) our hypothetical value (7.81). The difference is 2.68 salary expenditures dollars per capita.

b - Finding the difference between our hypothetical value (7.81) and the displayed value falling below it (7.25). The difference is .56 salary expenditures dollars per capita.

c - Determining the ratio of the latter total to the former (.56 divided by 2.68), which equals .209.

d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (7.81). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.

e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .209 (see c above) and the difference between the percentiles is 25 (see d above). .209 x 25 = 5.23 percentile units.

f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. In our example, 5.23 + 50 = 55.23 = 55th percentile.

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

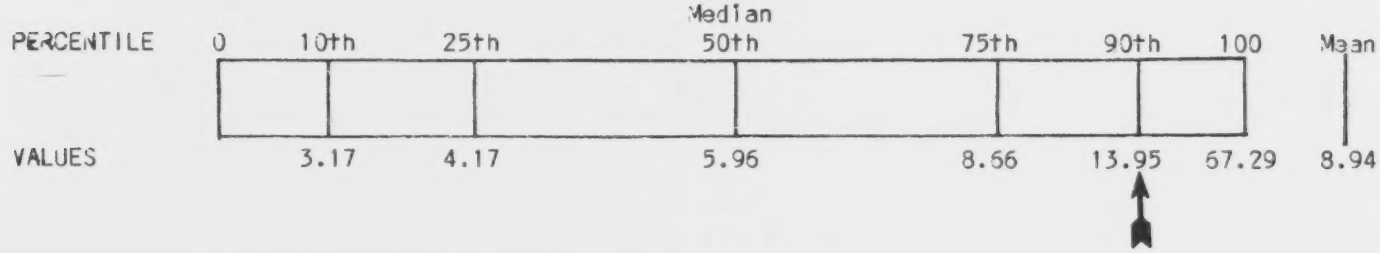
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another.

Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (7.81) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 55% of the reporting municipalities in this population group.

Example 3: In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 1 to 1,999 population group (group I) could have a total operating income of $13.95 per capita.

From Summary Table A, we see that 13.95 equals the value of the 90th percentile and falls approximately one fifth of the way between the range of total operating incomes per capita (.34 through 67.29) of all reporting libraries in this population group.



We may say, therefore, that even though the hypothetical library's total operating income per capita is only about one fifth as much as that of the library with the highest value in the population group ($67.29), it still has a total operating income per capita greater than or equal to that of 90% of the libraries in this population group.

Readers need not restrict themselves to comparisons within the seven population groups used for this report. For libraries serving populations in the upper and lower ends of these groups, it may be more useful to construct different groups containing libraries serving more similarly sized populations. The population rank provided in the Municipal Tables may be used to select municipalities of similar population size.

Likewise, readers need not restrict themselves to using population served as the basis of comparison among libraries. Any indicator in the report may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.

Section One: Summary Tables

TABLE A - TOTAL OPERATING INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.34 - 67.29	3.17	4.17	5.96	8.66	13.95	8.94
2,000 - 4,999	46	2.00 - 39.33	3.04	6.38	8.49	15.21	19.59	11.08
5,000 - 9,999	68	1.35 - 32.17	3.93	6.20	9.66	12.75	15.53	9.85
10,000 - 24,999	87	3.73 - 36.07	5.66	6.97	10.83	14.57	19.11	11.84
25,000 - 49,999	40	3.36 - 28.53	6.44	9.29	12.10	15.55	20.66	13.08
50,000 - 99,999	18	4.53 - 26.07	4.87	7.26	8.89	10.61	14.95	10.13

TABLE B - APPROPRIATED MUNICIPAL INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.34 - 47.30	2.43	3.64	5.02	7.18	11.59	7.47
2,000 - 4,999	46	2.00 - 29.18	3.02	5.33	7.83	14.19	18.28	10.06
5,000 - 9,999	68	1.19 - 32.10	3.88	4.90	8.07	12.01	14.85	9.13
10,000 - 24,999	87	1.79 - 27.50	5.08	6.82	10.54	14.01	17.72	11.18
25,000 - 49,999	40	1.61 - 28.01	6.44	8.42	10.77	14.00	20.61	12.10
50,000 - 99,999	18	4.40 - 25.84	4.77	7.15	7.99	10.49	14.55	9.83

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.06 - 58.56	3.04	3.84	5.86	8.48	11.81	8.36
2,000 - 4,999	46	1.93 - 38.08	3.00	6.20	8.28	15.04	19.28	10.81
5,000 - 9,999	68	1.35 - 31.88	3.76	5.51	9.46	12.46	15.36	9.60
10,000 - 24,999	87	3.66 - 35.07	5.66	6.94	10.58	14.12	18.95	11.53
25,000 - 49,999	40	3.36 - 28.47	6.35	8.95	11.67	15.51	20.55	12.85
50,000 - 99,999	18	4.45 - 25.66	4.72	7.13	8.44	10.49	14.56	9.94

TABLE υ - SALARY EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.00 - 28.79	0.57	1.85	2.67	4.36	5.51	3.98
2,000 - 4,999	46	0.97 - 22.69	1.38	3.13	4.92	8.23	11.49	6.24
5,000 - 9,999	68	0.80 - 22.56	2.31	3.35	5.67	7.21	9.95	5.95
10,000 - 24,999	87	1.42 - 24.14	3.43	4.70	7.25	9.93	12.30	7.81
25,000 - 49,999	40	2.57 - 18.08	4.25	5.30	8.23	10.38	15.4b	8.71
50,000 - 99,999	18	3.27 - 18.33	3.68	5.45	6.03	8.03	11.28	7.43

TABLE ε - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0 - 76	15	36	47	56	65	44
2,000 - 4,999	46	34 - 73	42	50	56	62	66	56
5,000 - 9,999	68	48 - 76	50	56	62	66	69	61
10,000 - 24,999	87	30 - 81	57	64	69	72	74	67
25,000 - 49,999	40	52 - 77	60	65	68	73	74	68
50,000 - 99,999	18	53 - 85	63	71	77	80	81	75

TABLE F - MATERIALS EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.06 - 21.30	0.81	1.18	1.89	2.73	3.80	2.53
2,000 - 4,999	46	0.61 - 9.43	1.09	1.59	2.07	3.65	4.50	2.68
5,000 - 9,999	68	0.40 - 5.79	0.89	1.23	2.13	2.80	3.33	2.16
10,000 - 24,999	87	0.45 - 5.35	1.05	1.36	1.91	2.62	3.63	2.12
25,000 - 49,999	40	0.45 - 4.82	0.90	1.42	1.72	2.31	3.00	2.03
50,000 - 99,999	18	0.52 - 4.14	0.81	0.91	1.05	1.47	2.29	1.40

TABLE G - MATERIALS EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	16 - 100	20	22	30	36	54	34
2,000 - 4,999	46	20 - 45	21	23	25	28	32	26
5,000 - 9,999	68	17 - 40	19	21	22	24	29	23
10,000 - 24,999	87	8 - 32	16	16	18	20	24	19
25,000 - 49,999	40	12 - 21	13	14	16	17	19	16
50,000 - 99,999	18	11 - 19	11	12	13	15	16	14

TABLE H - HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	55	2.37 - 59.52	3.83	5.48	8.06	12.05	21.17	11.40
2,000 - 4,999	50	2.44 - 27.06	3.08	4.40	5.85	7.80	10.75	7.28
5,000 - 9,999	71	1.19 - 9.74	2.16	3.09	4.28	5.62	7.09	4.54
10,000 - 24.999	88	1.50 - 13.07	2.14	2.79	3.52	4.56	5.84	3.88
25,000 - 49,999	40	1.39 - 12.35	1.89	3.01	3.69	5.18	6.42	4.27
50,000 - 99,999	18	1.93 - 6.89	2.04	2.59	3.27	3.96	4.56	3.46

TABLE I - CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1984

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	55	0.23 - 51.55	2.96	4.31	7.32	9.85	13.12	9.28
2,000 - 4,999	49	1.37 - 26.79	2.35	4.74	5.97	10.02	16.92	8.30
5,000 - 9,999	71	1.00 - 22.52	2.76	4.12	5.80	8.30	11.36	6.61
10,000 - 24.999	88	2.09 - 15.06	3.21	4.77	6.90	8.64	12.06	7.15
25,000 - 49,999	40	1.11 - 16.52	2.57	4.51	5.99	7.85	11.13	6.54
50,000 - 99,999	18	1.06 - 8.43	1.69	2.40	4.03	5.43	7.29	4.26

Section Two: Data for Individual Municipalities

Population Group I
(1-1,999)

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ALFORD	394	341	W													
2. ASHFIELD	1,458	297	W	8.43	4.23	8.43	4.53	54	2.08	25	7.55	9.74	15	15	20	0.8
3. BECKET	1,339	299	W	5.55	4.07	5.50	0.90	16	1.17	21	30.73	13.03	11.5	13.5	12	0.3
4. BERNARDSTON	1,750	287	W													
5. BLANDFORD	1,038	313	W	8.11	7.21	7.95	3.94	50	1.98	25	8.96	19.12	21	21	21	0.6
6. BUCKLAND	1,864	284	W								6.90	3.26			12.5	0.4
7. CHARLEMONT	1,149	308	W	3.89	2.39	2.99	2.27	76	0.61	20	2.37	1.61	11	11	11	0.3
8. CHESTER	1,123	310	W	6.45	4.55	6.45	4.46	69	1.32	21	9.04	5.21	15	15	20	0.6
9. CHESTERFIELD	1,000	316	W	5.86	5.86	5.86	3.27	56	1.58	27	8.56	9.95	15	15.5	15	0.4
10. CHILMARK	489	338	E	67.29	47.30	58.56	28.79	49	21.30	36	48.03	51.55	21	23	28.5	1.7
11. CLARKSBURG	1,871	283	W	3.41	3.41	3.41	2.06	60	1.19	35	4.69	9.84	27	10	25	0.7
12. COLRAIN	1,552	294	W	7.60	6.16	5.86	2.20	38	1.59	27	5.54	4.70	15	15	15	0.4
13. CONWAY	1,213	304	W													
14. CUMMINGTON	657	328	W	4.67	4.65	4.67	0.09	2	2.72	58	13.83	9.32	10	10	20	0.6
15. DUNSTABLE	1,671	290	E	6.51	4.07	6.51	4.36	67	1.81	28	10.70	5.07	14	15.5	15	1.1
16. EAST BROOKFIELD	1,955	282	C	6.83	6.83	6.83	4.86	71	1.38	20	5.31	9.87	30	30	30	0.9
17. EGREMONT	1,311	301	W	3.25	3.25	3.25	2.42	74	0.80	25	5.58	3.73	13	13	13	0.4
18. ERVING	1,326	300	W	4.69	4.69	4.69	1.92	41	2.76	59	14.54	9.77	10	8	6	0.3
19. FLORIDA	730	323	W	3.72	3.72	3.67	0.55	15	2.86	78	9.49	11.64	12	2	12	0.3
20. GAY HEAD	220	347	E	15.05	14.14	11.79	4.80	41	4.28	36	28.30	6.38	9	7.5	10	0.4
21. GILL	1,259	303	W													
22. GOSHEN	651	329	W	6.42	4.12	6.30	2.76	44	3.07	49	9.37	11.37	10	10	10	0.3
23. GOSNOLD	63	351	E													
24. GRANVILLE	1,204	305	W	8.78	8.78	8.74	3.17	36	2.67	31	7.89	4.42	22	11	10	0.5
25. HANCOCK	643	331	W													
26. HEATH	482	339	W	11.83	11.72	11.83	7.04	60	4.15	35	30.57	9.18	10	10	15	0.4

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. HINSDALE	1,707	288	W	3.86	2.15	3.86	1.21	31	1.21	31	3.88	10.33	11	11	11	0.3
28. HOLLAND	1,589	292	W	2.98	2.98	2.94	1.14	39	1.06	36	3.78	1.48	10	10	10	0.3
29. HUBBARDSTON	1,797	286	C	6.83	6.13	6.21	2.45	39	2.89	47	5.46	4.35	18.5	12	16.5	0.7
30. HUNTINGTON	1,804	285	W	5.25	5.25	5.25	1.88	36	1.06	20	4.51	4.45	13	13	13	1.1
31. LEVERETT	1,471	296	W	3.11	3.11	3.11	1.85	59	0.99	32	3.87	3.87	18	15	15	0.5
32. LEYDEN	498	337	W	7.03	7.03	7.03	3.62	52	1.41	20	8.23	9.56	10	10	10	0.3
33. MIDDLEFIELD	385	342	W	2.48	2.48	2.06	0.61	30	0.91	44	13.95	7.41	10	7	10	0.4
34. MONROE	179	348	W	5.57	5.57	5.57	3.11	56	2.00	36	24.90	7.56			2	0.1
35. MONTEREY	818	322	W	12.52	12.52	12.52	6.67	53	2.73	22	7.51	13.21	11	11	18	0.6
36. MOUNT WASHINGTON	93	350	W													
37. NEW BRAINTREE	671	327	C	3.56	3.56	3.56	0.39	11	3.17	89	6.64	9.61	10.5	10	10	0.3
38. NEW MARLBOROUGH	1,160	307	W	5.01	4.13	4.99	2.38	48	0.82	16	3.02	7.72	11	15	12	0.3
39. NEW SALEM	688	326	W	5.39	5.02	5.38	1.84	34	1.60	30	10.94	12.59	16	16	11.5	0.6
40. OAK BLUFFS	1,984	280	E													
41. OAKHAM	994	317	C	9.70	9.56	9.70	4.81	50	2.11	22	15.25	11.89	15.5	14.5	15	0.8
42. OTIS	963	318	W													
43. PELHAM	1,112	311	W	4.68	3.75	4.68	1.79	38	2.82	60	6.16	3.60	10	14	10	0.3
44. PERU	633	333	W	1.33	0.78	1.16	0.00	0	0.44	38	9.53	3.28	10	10	0.0	0.0
45. PETERSHAM	1,024	314	C	21.87	3.15	17.44	5.23	30	5.31	30	16.88	9.29	23.5	23.5	13.5	0.8
46. PHILLIPSTON	953	320	C	4.44	4.02	4.19	1.47	35	1.89	45	8.62	4.83	10	10	10	0.3
47. PLAINFIELD	425	340	W	8.53	8.53	8.53	4.27	50	3.28	38	17.44	16.45	13.5	13.5	10	0.3
48. PLYMPTON	1,974	281	E	9.62	9.62	9.45	5.70	60	2.58	27	7.24	6.10	28	28	30	1.2
49. RICHMOND	1,659	291	W	3.83	3.83	3.81	2.67	70	0.81	21	3.50	8.66	11	11	11	0.5
50. ROWE	336	344	W	43.90	43.90	43.85	22.08	50	8.97	20	59.52	39.10	15	15	20	0.9
51. ROYALSTON	955	319	C	6.60	6.60	6.57	2.38	36	1.36	21	7.63	4.19	15	15	15	0.4
52. RUSSELL	1,570	293	W	5.63	5.63	5.41	2.99	55	1.65	31	2.88	2.87	18.5	18.5	10	0.7

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
53. SANDISFIELD	720	324	W	6.32	6.32	6.32	2.97	47	2.03	32	6.83	6.83	13	13	8	0.4
54. SAVOY	644	330	W													
55. SHUTESBURY	1,049	312	W	4.56	2.10	3.52	1.22	35	1.29	37	5.88	2.24	10	10	8	0.2
56. TOLLAND	235	346	W													
57. TRURO	1,486	295	E	9.06	7.86	9.06	4.36	48	2.47	27	11.46	6.08	14	24	19	0.6
58. TYRINGHAM	344	343	W													
59. WALES	1,177	306	W	4.52	4.37	4.51	2.11	47	1.16	26	5.11	3.04	10	10	15	0.4
60. WARWICK	603	334	W	12.76	7.30	10.31	4.29	42	2.20	21	13.94	8.27	10	10	10	0.3
61. WENDELL	694	325	W	5.96	5.96	5.96	2.95	50	1.24	21	10.92	3.28	10	10	10	0.3
62. WEST STOCKBRIDGE	1,280	302	W	3.35	3.22	3.35	1.97	59	1.13	34	4.46	5.75	12	12	12	0.3
63. WEST TISBURY	1,010	315	E	31.88	30.93	30.40	18.73	62	7.94	26	14.14	41.70	14	22	20	1.7
64. WESTHAMPTON	1,137	309	W	7.97	7.15	7.97	3.85	48	2.42	30	7.60	7.64	16	16	16	0.6
55. WHATELY	1,341	298	W	14.75	11.40	11.40	4.92	43	2.29	20	11.06	7.22	16	16	25	1.2
66. WINDSOR	598	335	W	0.34	0.34	0.06	0.00	0	0.06	100	5.48	0.23	8.5	8.5	0.0	0.0
67. WORTHINGTON	932	321	W	9.36	6.14	7.91	2.50	32	1.91	24	10.76	6.80	11	11	10	0.4

Population Group II
(2,000 - 4,999)

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ASHBURNHAM	4,075	238	C	6.96	5.48	6.96	3.82	55	1.87	27	4.22	5.10	33	32.5	24	1.7
2. ASHBY	2,311	273	C								11.25	0.00			15	0.4
3. BARRE	4,102	237	C	11.90	9.02	11.90	6.11	51	3.19	27	5.85	3.84	23	23	35	2.0
4. BERKLEY	2,731	266	E	4.56	4.56	4.49	1.97	44	1.07	24	4.37	2.39	15	8	15	0.7
5. BERLIN	2,215	276	C	9.25	9.07	8.64	5.56	64	2.46	28	4.70	5.66	20	20	22	1.2
6. BOLTON	2,530	267	C	7.52	7.52	7.52	3.84	51	1.88	25	5.64	5.82	16	16	25	1.2
7. BOXBOROUGH	3,126	256	C	7.58	7.11	7.21	4.52	63	1.57	22	6.22	7.18	22	22	20	1.7
8. BOYLSTON	3,470	252	C	17.85	16.82	17.67	9.39	53	3.78	21	6.72	6.57	30.5	30.5	35	3.0
9. BRIMFIELD	2,318	272	C													
10. BROOKFIELD	2,397	269	C	7.06	6.56	6.17	3.11	50	1.68	27	6.03	4.73	21	21	21	0.9
11. CARLISLE	3,306	253	E	19.27	18.48	18.82	12.10	64	5.68	30	7.82	17.88	58	58	37	3.4
12. CHESHIRE	3,124	257	W	2.00	2.00	1.93	0.97	51	0.81	42	8.72	4.08	15	15	15	0.4
13. DEERFIELD	4,517	230	W	5.87	5.87	5.77	2.58	45	1.79	31	9.61	5.04	36	26	15	1.8
14. DOUGLAS	3,730	248	C	5.98	5.37	5.98	3.14	52	1.35	23	3.73	2.85	21	21	20	1.2
15. DOVER	4,703	228	E	14.24	13.91	13.77	7.89	57	3.55	26	7.65	7.98	50	36	37	3.3
16. EASTHAM	3,472	251	E	13.27	13.04	13.10	8.11	62	3.53	27	7.57	13.78	35	36	35	2.2
17. EDGARTOWN	2,204	278	E	39.33	29.18	38.08	22.69	60	9.43	25	15.21	16.81	34.5	40	26.5	3.8
18. ESSEX	2,998	261	E	6.41	4.39	6.22	3.89	63	1.66	27	5.47	6.89	27	22	27	1.1
19. HADLEY	4,125	236	W	7.14	7.04	7.14	4.10	57	1.51	21	4.43	3.86	41	41	37	1.9
20. HAMPDEN	4,745	227	W	5.46	5.28	5.28	3.31	63	1.69	32	3.01	5.23	26	21	26	2.2
21. HARDWICK	2,272	274	W	7.75	3.74	6.48	2.19	34	1.57	24	3.95	1.57	20.5	20.5	7	0.3
22. HATFIELD	3,045	259	W	6.57	6.57	6.41	2.87	45	1.84	29	8.71	6.60	15	8.5	15	0.9
23. HOPEDALE	3,905	242	C	17.21	15.12	15.30	7.07	46	4.36	28	7.39	9.69	30	22	30	2.9
24. LANESBOROUGH	3,131	255	W	2.24	2.19	2.24	1.54	69	0.61	27	3.17	4.25	15	15	15	0.6
25. MARION	3,932	241	E	15.53	12.22	15.53	8.14	52	3.62	23	7.78	10.55	37	37	40	2.9
26. MASHPEE	3,700	249	E	8.26	8.03	7.83	5.24	67	1.61	21	2.58	4.44	26	29	25	1.7

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. MENDON	3,108	258	C	3.18	3.18	3.11	1.15	37	1.39	45	7.11	1.37	15	12	10.5	0.6
28. MERRIMAC	4,451	231	E	10.22	10.06	10.22	7.45	73	2.07	20	4.78	6.08	42	38	40	3.9
29. MIDDLETON	4,135	235	E	16.45	16.40	16.40	10.00	61	3.67	22	4.87	7.45	50	30	30	4.9
30. NAHANT	3,947	240	E	16.60	16.60	16.60	9.27	56	4.09	25	19.14	12.58	32	48	40	3.6
31. NEWBURY	4,529	229	E	8.95	8.90	8.40	5.19	62	1.89	23	2.44	5.29	37	30	33.5	2.4
32. NORTH BROOKFIELD	4,150	233	C								5.00	5.58			22	1.5
33. NORTHFIELD	2,386	270	W	16.79	16.45	16.53	9.17	55	4.43	27	10.75	11.96	31	31	40	2.4
34. PAXTON	3,762	247	C	9.26	7.83	9.21	5.51	60	2.25	24	4.67	6.66	34	20	35	2.3
35. PRINCETON	2,425	268	C	9.26	8.18	9.24	4.49	49	2.93	32	5.80	9.64	16	13	16	1.3
36. PROVINCETOWN	3,536	250	E	24.75	22.71	24.75	15.99	65	4.87	20	3.21	5.05	45	45	40	4.6
37. ROCHESTER	3,205	254	E	2.75	2.52	2.75	1.09	40	0.66	24	2.65	1.98	15	15	15	0.4
38. ROWLEY	3,867	245	E	8.49	8.23	8.49	5.29	62	2.10	25	6.89	4.76	23	23	27.5	2.4
39. RUTLAND	4,334	232	C	6.34	5.06	6.27	2.89	46	2.08	33	3.08	5.07	26	22.5	22	1.4
40. SHEFFIELD	2,743	265	W	13.54	13.31	13.52	8.43	62	3.18	23	9.99	5.86	27	27	40	1.8
41. SHELBURNE	2,002	279	W								23.26	15.38			15	1.5
42. SHERBORN	4,049	239	E	22.28	21.81	22.28	13.22	59	4.57	21	10.71	10.13	56	43	37.5	5.5
43. SOUTHAMPTON	4,137	234	W	8.50	7.59	8.28	4.92	59	2.14	26	4.59	7.00	18	18	22	2.1
44. STOCKBRIDGE	2,328	271	W								27.06	26.79			40	4.7
45. SUNDERLAND	2,929	263	W	2.84	2.77	2.84	1.10	39	1.10	39	4.78	1.77	17	15	14	0.4
46. TISBURY	2,972	262	E													
47. UPTON	3,886	244	C	6.17	5.80	5.81	4.01	69	1.75	30	7.34	7.53	42	42	40	1.7
48. WARREN	3,777	246	C	7.92	6.83	7.21	3.41	47	1.67	23	3.72	4.84	27	28.5	35	1.5
49. WELLFLEET	2,209	277	E	24.68	23.46	23.54	17.16	73	4.95	21	10.42	23.13	29	29	35	4.0
50. WENHAM	3,897	243	E	20.06	18.15	19.96	11.08	56	4.46	22	7.19	19.29	33	29	32.5	4.2
51. WEST BROOKFIELD	3,026	260	C	6.66	3.66	6.66	3.94	59	1.36	20	5.73	11.99	24	24	19	1.4
52. WEST NEWBURY	2,861	264	E	14.89	14.46	14.77	8.32	56	3.73	25	6.79	26.79	30	27	40	2.7

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS OPEN WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
53. WILLIAMSBURG	2,237	275	W													

Population Group III
(5,000-9,999)

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ACUSHNET	8,704	164	E													
2. ASHLAND	9,165	157	E								3.76	4.55			30	3.3
3. AVON	5,026	226	E	12.75	12.25	12.75	7.55	59	2.80	22	6.86	7.48	49	42.5	35	3.5
4. AYER	6,993	184	C	8.23	7.39	8.22	5.47	67	1.52	18	2.58	3.26	45	45	40	3.0
5. BELCHERTOWN	8,339	169	W	3.97	3.97	3.97	2.09	53	1.03	26	2.40	3.49	25	15	25	2.1
6. BLACKSTONE	6,570	192	C	2.07	2.07	2.06	1.51	73	0.55	27	2.40	1.00	25	10	25	1.4
7. BOXFORD	5,374	217	E	15.48	15.38	15.48	10.24	66	3.03	20	7.09	8.77	58	58	40	5.4
8. BREWSTER	5,226	220	E	13.50	8.07	13.09	6.36	49	2.67	20	3.77	10.26	26	21.5	35	4.7
9. CARVER	6,988	185	E	4.55	4.53	4.55	2.82	62	0.91	20	2.72	4.43	30	30	35	2.3
10. CHARLTON	6,719	191	C													
11. CHATHAM	6,071	202	E	9.90	7.82	9.82	5.32	54	2.14	22	6.41	12.89	29	29	35	3.3
12. COHASSET	7,174	179	E	21.90	21.29	21.90	15.12	69	5.03	23	7.06	12.98	53	50	35	7.6
13. DALTON	6,797	190	W	9.24	8.80	8.95	5.67	63	2.13	24	4.83	7.64	37.5	37.5	40	3.8
14. DIGHTON	5,352	218	E	2.34	2.34	2.34	1.42	61	0.57	24	3.12	3.28	15	15	15	0.9
15. DUDLEY	8,717	163	C	4.32	4.32	4.32	2.39	55	0.98	23	3.16	4.61	48	48	40	2.0
16. EAST BRIDGEWATER	9,945	152	E	12.58	12.06	11.99	7.96	66	2.46	21	4.98	5.25	49	44	35	7.3
17. FREETOWN	7,058	182	E	2.56	2.56	2.53	1.23	49	0.79	31	1.33	3.00	28	28	15	1.8
18. GEORGETOWN	5,687	210	E	10.00	10.00	9.96	5.87	59	2.80	28	5.89	9.02	31.5	27.5	20	3.0
19. GRANBY	5,380	216	W	6.25	6.24	6.21	3.84	62	1.67	27	3.51	4.51	29.5	25.5	35	2.2
20. GREAT BARRINGTON	7,405	174	W	14.38	13.26	14.06	6.91	49	3.31	24	9.74	8.94	49	48.5	40	6.1
21. GROTON	6,154	201	C	11.71	10.14	11.41	7.85	69	2.48	22	7.55	7.27	35	25	36	5.0
22. GROVELAND	5,040	225	E	6.52	4.49	6.52	3.59	55	2.60	40	3.92	5.56	26	23	24.5	2.1
23. HALIFAX	5,513	213	E	10.28	9.98	10.28	5.69	55	2.25	22	3.83	7.33	40	40	40	3.6
24. HAMILTON	6,960	187	E	14.25	13.91	14.25	8.31	58	4.38	31	5.36	8.07	46	35	40	5.7
25. HANSON	8,617	165	E	4.80	4.76	4.49	2.95	66	1.08	24	2.33	2.84	39	35	35	2.4
26. HARWICH	8,971	159	E	11.74	9.34	10.27	5.35	52	2.45	24	7.20	13.87	46	48	35	6.4

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. HOPKINTON	7,114	180	C								4.33	10.07			40	5.7
28. HULL	9,714	153	E	7.36	7.36	7.36	4.31	59	2.01	27	5.36	4.04	49	48	35	3.6
29. KINGSTON	7,362	176	E	13.05	12.46	12.46	6.78	54	2.75	22	5.29	7.11	35	32.5	35	4.7
30. LAKEVILLE	5,931	206	E	3.99	3.97	3.77	2.58	68	0.62	17	2.00	2.16	21	21	21	1.6
31. LANCASTER	6,334	197	C	15.90	12.31	15.77	7.51	48	3.40	22	7.73	6.65	40	37	35	4.8
32. LEE	6,247	198	W	14.50	12.01	13.94	6.96	50	2.67	19	8.79	7.54	38	38	35	3.5
33. LEICESTER	9,446	155	C	4.91	4.90	4.77	2.95	62	1.07	22	1.64	2.75	35	28	32	3.0
34. LENOX	6,523	193	W													
35. LINCOLN	7,098	181	E	32.17	32.10	31.88	22.56	71	5.79	18	8.87	12.84	59.5	52.5	37.5	11.9
36. LITTLETON	6,970	186	C	9.66	9.03	9.65	6.90	71	1.84	19	6.81	9.82	46.5	46.5	40	4.5
37. LUNENBURG	8,405	167	C	10.13	9.75	10.06	6.54	65	2.28	23	3.17	6.37	48	44	37.5	4.9
38. MANCHESTER	5,424	215	E	15.71	15.15	14.90	9.88	66	3.12	21	8.37	10.02	45	39	37.5	3.8
39. MATTAPOISETT	5,597	212	E	6.84	6.84	6.84	4.18	61	1.42	21	3.40	5.28	26	26	26	2.4
40. MAYNARD	9,590	154	E	9.24	9.24	9.24	6.43	70	1.85	20	3.48	3.53	35	35	35	4.7
41. MEDWAY	8,447	166	E	11.09	10.61	10.61	6.34	60	2.02	19	4.26	6.03	43	36	40	5.2
42. MILLIS	6,908	188	E	8.04	8.04	8.04	5.78	72	2.03	25	6.06	7.14	42	37	35	4.0
43. MONSON	7,315	177	W	9.60	8.04	9.46	6.29	67	1.84	19	3.70	3.25	51	44	35	4.0
44. MONTAGUE	8,011	171	W	8.00	8.00	8.00	5.18	65	1.70	21	6.57	6.04	40	36	35	3.8
45. NANTUCKET	5,087	224	E													
46. NORFOLK	6,363	194	E	9.88	9.88	9.61	6.07	63	2.31	24	2.14	9.88	39	27.5	35	4.2
47. NORWELL	9,182	156	E	15.46	14.77	14.15	9.42	67	2.80	20	4.37	8.73	51	44	37.5	7.4
48. ORANGE	6,844	189	W	8.01	7.28	7.56	4.60	61	1.74	23	5.53	4.87	29	29	35	3.3
49. ORLEANS	5,306	219	E	20.93	19.27	19.79	11.80	60	4.29	22	5.52	22.52	43	36	40	6.2
50. PEPPERELL	8,061	170	C	11.72	10.46	11.69	8.10	69	2.27	19	3.55	6.70	32.5	29.5	40	6.4
51. PLAINVILLE	5,857	207	E	3.08	3.08	3.08	1.47	48	0.93	30	1.94	1.46	25	25	21	1.2
52. RAYNHAM	9,085	158	E	3.78	3.50	3.71	2.42	65	0.82	22	2.74	3.86	36	24	20	2.5

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
53. REHOBOTH	7,570	173	E	1.35	1.19	1.35	0.80	59	0.40	29	1.19	1.06	25	16	25	1.3
54. ROCKPORT	6,345	196	E	13.63	13.36	13.63	10.30	76	2.81	21	5.97	12.58	35	35	30	5.5
55. SALISBURY	-5,973	205	E	7.36	7.32	7.32	4.59	63	1.67	23	4.42	5.2/	42	42	37	3.2
56. SANDWICH	8,727	162	E	15.33	12.27	15.33	10.57	69	3.21	21	4.49	11.37	42	42	35	7.8
57. SHIRLEY	5,124	223	C	5.05	4.71	4.63	2.66	58	1.04	23	4.89	2.13	25	25	25	1.8
58. SOUTHBOROUGH	6,193	200	C	16.74	15.48	15.74	10.49	67	3.83	24	6.62	11.64	48	41	40	5.0
59. SOUTHWICK	7,382	175	W	4.32	4.15	4.19	2.36	56	1.27	30	4.15	3.58	40	40	35	1.5
60. STERLING	5,440	214	C	11.12	10.80	11.12	6.86	62	2.97	27	3.94	7.36	38	38	40	3.7
61. STOW	5,144	221	E	10.98	8.96	10.03	4.79	48	2.93	29	5.40	4.52	35	28	35	2.3
62. STURBRIDGE	5,976	204	C	6.61	6.31	6.57	4.29	65	1.26	19	2.78	5.81	48	48	20	2.8
63. SUTTON	5,855	208	C	4.79	4.71	4.79	2.93	61	1.02	21	2.88	4.30	27	27	23	2.1
54. TEMPLETON	6,070	203	C								2.03	1.97			15	1.0
55. TOPSFIELD	5,709	209	E	16.91	16.11	16.58	9.68	58	3.70	22	6.46	11.23	39	41	40	6.3
66. TOWNSEND	7,201	178	C	6.20	5.89	5.57	3.47	62	1.01	18	3.46	5.73			32	2.9
67. TYNGSBOROUGH	5,683	211	E	5.05	4.50	4.68	3.10	66	1.15	25	2.93	4.32	33	25	33	2.1
68. UXBRIDGE	8,374	168	C	9.75	7.12	8.99	4.95	55	2.77	31	4.90	5.79	30	30	35	4.0
69. WARE	8,953	160	W	9.79	7.60	9.79	4.97	51	2.18	22	4.92	6.55	33	33	33	4.0
70. WEST BOYLSTON	6,204	199	C	13.09	12.73	12.88	8.69	67	2.81	22	5.10	4.99	29.5	23	40	5.5
71. WEST BRIDGEWATER	6,359	195	E	9.44	9.44	9.44	6.14	65	1.98	21	4.36	5.49	34	29	35	3.1
72. WESTMINSTER	5,139	222	C	10.91	10.91	10.91	7.21	66	2.2/	21	4.29	7.20	41	35	35	3.3
73. WILLIAMSTOWN	8,741	161	W	7.44	7.38	7.40	5.03	68	1.70	23	3.2/	8.16	43	40	37.5	4.5
74. WINCHENDON	7,019	183	C	6.47	5.95	5.51	3.35	61	1.23	22	3.70	4.15	30	24	35	2.0
75. WRENTHAM	7,580	172	E	11.11	10.42	10.39	6.48	62	2.22	21	2.98	4.98	51.5	4/.5	35	4.0

Population Group IV
(10,000-24,999)

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY $ PER CAP	SALARY EXP % TOT EXP	MATERLS $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
1. ABINGTON	13,517	119	E	8.55	7.70	8.07	5.86	73	1.73	21	3.00	5.24	49.5	42.5	35	6.5
2. ACTON	17,544	91	E	14.19	13.92	14.07	10.90	78	2.60	18	3.60	11.21	67	56	40	12.8
3. ADAMS	10,381	150	W	9.83	9.29	9.75	7.15	73	1.71	17	3.77	7.34	55	55	35	5.6
4. AMESBURY	13,971	112	E	13.37	12.61	13.28	9.55	72	2.68	20	7.37	8.53	58	58	35	11.3
5. ATHOL	10,634	148	C	11.73	11.17	11.15	7.26	65	2.17	19	3.12	8.03	62	53	40	7.5
6. AUBURN	14,845	107	C	15.97	15.91	15.86	10.40	66	2.70	17	3.38	7.76	61.5	51.5	35	11.3
7. BEDFORD	13,067	125	E	22.00	22.00	21.99	15.15	69	4.46	20	6.14	8.56	67	64	40	15.1
8. BELLINGHAM	14,300	109	E	3.73	3.73	3.66	2.36	65	0.94	26	1.73	3.40	45	39	35	3.5
9. BOURNE	13,874	113	E	10.65	10.46	10.33	7.34	71	1.71	17	3.42	5.85	58	58	37.5	7.9
10. BRIDGEWATER	17,202	94	E	14.27	13.92	13.34	9.17	69	2.27	17	4.52	7.09	52	38	35	13.5
11. BURLINGTON	23,486	68	E	9.78	9.71	9.50	6.83	72	1.72	18	2.72	4.64	61	52	35	11.6
12. CANTON	18,182	87	E	16.78	16.73	16.16	11.65	72	2.66	16	4.66	6.83	51.5	51.5	35	13.3
13. CLINTON	12,771	127	C	6.37	6.37	6.17	4.46	72	1.09	18	6.74	2.72	43	43	37	5.4
14. CONCORD	16,293	101	E	36.07	27.50	35.07	24.14	69	5.35	15	13.07	15.06	68	60	37.5	26.6
15. DANVERS	24,100	65	E	14.53	13.25	14.53	10.30	71	2.61	18	4.65	8.22	64	60	37.5	18.3
16. DARTMOUTH	23,966	66	E	10.98	10.69	10.71	7.00	65	1.74	16	4.01	8.43	63	63	35	16.4
17. DENNIS	12,360	130	E	5.17	2.57	4.67	1.42	30	1.25	27	4.2/	5.00	40.5	39	35	2.7
18. DRACUT	21,249	73	E	6.98	6.96	6.96	4.11	59	1.25	18	1.69	3.25	53	43	35	3.6
19. DUXBURY	11,807	137	E	18.94	16.95	18.94	12.23	65	3.58	19	5.04	10.2/	62	58	35	10.8
20. EAST LONGMEADOW	12,905	126	W	14.70	14.62	14.26	9.38	66	2.47	17	4.22	12.39	62	52	37	12.2
21. EASTHAMPTON	15,580	105	W	5.58	4.22	5.52	3.90	71	0.45	8	2.24	3.55	45	45	35	4.5
22. EASTON	16,623	96	E	7.24	1.79	6.97	3.51	50	1.05	15	2.89	3.77	50	28	35	6.0
23. FAIRHAVEN	15,759	103	E	11.76	10.08	11.65	6.27	54	1.76	15	5.64	4.92	60	60	37	8.2
24. FALMOUTH	23,640	67	E	19.52	17.79	18.97	12.47	66	3.03	16	6.59	13.08	51	56	37.5	22.5
25. FOXBOROUGH	14,148	110	E	12.29	12.00	11.62	7.79	67	1.99	17	4.45	4.82	42	45	35	7.9
26. FRANKLIN	18,217	86	E	7.37	7.26	7.16	5.00	70	1.17	16	2.52	5.00	50	42	35	7.3

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. GARDNER	17,900	90	C	12.56	11.55	12.56	8.41	67	2.31	18	3.15	8.50	62.5	54.5	37.5	12.5
28. GRAFTON	11,238	143	C													
29. GREENFIELD	18,436	85	W	10.68	10.14	10.45	7.74	74	1.68	16	6.38	7.67	51	41	37.5	10.5
30. HANOVER	11,358	141	E	9.11	8.20	8.85	5.61	63	1.88	21	4.75	7.98	51	44	35	5.3
31. HARVARD	12,170	133	C	5.94	5.33	5.94	3.25	55	1.80	30	2.65	2.93	44	44	30	3.6
32. HINGHAM	20,339	77	E													
33. HOLBROOK	11,140	146	E	9.69	9.62	9.42	6.18	66	1.70	18	3.52	5.85	40	40	37.5	6.2
34. HOLDEN	13,336	123	C	14.07	13.40	13.78	10.10	73	2.20	16	3.27	10.88	52	41	35	8.9
35. HOLLISTON	12,622	129	E	7.97	7.79	7.53	5.12	68	1.35	18	3.45	7.36	52	44	37.5	5.7
36. HUDSON	16,408	97	C	10.67	10.61	10.44	7.57	72	1.91	18	2.35	5.91	61	53	37.5	9.6
37. IPSWICH	11,158	145	E	12.88	12.88	12.88	9.11	71	2.60	20	5.94	7.39	54.5	42	37.5	8.1
38. LONGMEADOW	16,301	100	W	12.55	11.58	11.86	7.71	65	2.13	18	3.67	13.08	57	50	36.3	12.1
39. LUDLOW	18,150	88	W	6.44	6.42	6.21	4.25	69	1.36	22	1.74	3.03	54.5	49.5	40	6.3
40. LYNNFIELD	11,267	142	E	17.51	16.53	17.51	11.69	67	4.52	26	5.82	11.41	64	56	35	9.6
41. MANSFIELD	13,453	121	E	9.15	8.62	8.61	5.80	67	1.92	22	2.79	5.88	48	40	36	6.6
42. MARBLEHEAD	20,126	79	E	19.90	19.90	19.85	14.28	72	3.75	19	4.56	12.32	64	60	40	21.6
43. MARSHFIELD	20,916	75	E	9.02	8.92	8.92	7.23	81	1.52	17	2.56	8.17	55.5	55.5	37.5	11.7
44. MEDFIELD	10,220	151	E	8.94	8.00	8.61	5.33	62	1.70	20	2.88	6.90	53.5	48.5	37.5	5.1
45. MIDDLEBOROUGH	16,404	98	E								6.82	4.17			37.5	6.6
46. MILFORD	23,390	69	C	4.98	4.91	4.97	3.01	61	1.57	32	1.50	2.09	50	40	35	6.6
47. MILLBURY	11,808	136	C	9.33	9.33	7.63	4.27	56	1.91	25	2.80	4.48	41	41	40	6.2
48. NEWBURYPORT	15,900	102	E	12.53	11.34	11.73	8.15	69	2.23	19	4.40	6.14	53	56	35	10.3
49. NORTH ADAMS	18,063	89	W	6.86	6.86	6.77	5.23	77	1.20	18	2.35	3.01	53	49	37.5	8.1
50. NORTH ANDOVER	20,129	78	E	11.69	10.90	11.62	8.02	69	1.99	17	2.99	5.29	67	56	38	10.9
51. NORTH ATTLEBOROUGH	21,095	74	E	6.75	6.42	6.54	4.69	72	1.05	16	1.67	4.25	50	39	37	9.3
52. NORTH READING	11,455	139	E	9.46	9.35	8.61	6.45	75	1.85	21	3.21	6.65	54	48	35	6.3

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
53. NORTHBOROUGH	10,568	149	C	21.05	20.17	20.15	12.72	63	3.99	20	4.61	11.87	54	54	40	10.3
54. NORTHBRIDGE	12,246	132	C	8.44	6.98	8.24	4.70	57	1.66	20	4.00	4.77	40.5	37.5	35	4.6
55. NORTON	12,690	128	E	5.68	5.38	5.68	3.52	62	0.99	17	2.16	3.57	44	40	35	4.4
56. OXFORD	11,680	138	C	7.87	7.80	7.68	5.47	71	1.28	17	2.17	2.69	40	36	35	6.0
57. PALMER	11,389	140	W	13.44	12.88	13.44	8.00	60	1.98	15	4.36	12.11	57.5	47	35	9.3
58. PEMBROKE	13,487	120	E	5.47	5.15	5.33	3.22	60	1.18	22	3.20	4.85	42	42	35	3.6
59. READING	22,678	70	E	18.30	15.77	15.74	11.21	71	2.32	15	2.90	10.60	68.5	60	37.5	20.1
60. ROCKLAND	15,695	104	E	6.89	6.70	6.74	4.80	71	1.16	17	2.41	5.49	54	47	35	7.3
61. SAUGUS	24,746	63	E	6.14	5.91	5.91	4.55	77	0.83	14	3.06	3.44	61.5	50.5	37.5	9.8
62. SCITUATE	17,317	93	E	13.19	12.83	11.79	8.31	70	1.81	15	3.92	9.15	56	52	35	9.5
63. SEEKONK	12,269	131	E	9.08	8.91	9.08	6.41	71	2.16	24	3.23	8.75	49	49	32.5	6.9
64. SHARON	13,601	117	E	14.89	14.81	14.89	9.69	65	3.12	21	5.05	10.71	47.5	47.5	37.5	10.4
65. SHREWSBURY	22,674	71	C	17.05	16.62	16.62	9.91	60	2.84	17	4.16	8.64	59	55	37.5	19.6
66. SOMERSET	18,813	82	E	10.20	10.20	9.96	6.95	70	1.67	17	3.68	7.56	71	68	35	12.2
67. SOUTH HADLEY	16,399	99	W	12.11	12.11	12.11	8.42	70	1.97	16	3.04	7.06	54	48	35	9.7
68. SOUTHBRIDGE	16,665	95	C	12.87	12.25	12.65	7.48	59	2.63	21	3.16	6.08	58	58	37.5	10.5
69. SPENCER	10,774	147	C	6.33	4.82	6.33	4.14	65	1.32	21	2.64	4.80	41	41	24	3.7
70. STONEHAM	21,424	72	E	13.33	13.33	13.07	9.35	72	2.13	16	3.50	5.87	59	51	35	15.4
71. SUDBURY	14,027	111	E	16.29	16.16	16.23	11.81	73	2.66	16	3.77	12.40	64	52	35	11.1
72. SWAMPSCOTT	13,837	114	E	15.24	15.03	15.24	11.28	74	2.71	18	5.19	7.81	60	52	35	11.3
73. SWANSEA	15,461	106	E	5.17	4.79	5.17	2.78	54	1.65	32	3.44	4.68	50	50	37.5	6.0
74. TEWKSBURY	24,635	64	E	5.62	5.62	5.62	4.10	73	0.87	16	1.57	2.84	58	51	37.5	6.4
75. WAKEFIELD	24,895	62	E	17.69	17.69	17.63	11.88	67	3.07	17	4.45	7.36	61	53	35	18.3
76. WALPOLE	18,859	81	E	12.51	12.27	12.37	8.26	67	2.83	23	5.11	7.91	63	55	35	12.6
77. WAREHAM	18,457	83	E	6.76	6.22	6.63	4.02	61	1.76	27	1.67	3.83	53	50	35	6.0
78. WAYLAND	12,170	133	E	21.36	21.04	21.36	15.30	72	3.89	18	5.56	13.02	67	57	35	12.4

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
79. WEBSTER	14,480	108	C	6.86	6.28	6.86	4.95	72	1.24	18	2.61	5.75	45	45	35	6.5
80. WESTBOROUGH	13,619	116	C	16.77	15.86	16.42	10.78	66	2.96	18	3.56	8.57	53	53	35	10.9
81. WESTFORD	13,434	122	E	14.92	14.29	13.50	9.97	74	2.15	16	2.86	8.07	59	44	40	11.0
82. WESTON	11,169	144	E	22.44	21.72	21.86	14.86	68	4.28	20	5.20	12.17	56	56	37.5	12.4
83. WESTPORT	13,763	115	E	6.18	6.10	6.09	3.90	64	1.04	17	2.18	5.35	48	42	35	4.9
84. WESTWOOD	13,212	124	E	25.08	24.98	24.72	17.94	73	3.93	16	7.54	12.05	67	60	35	15.6
85. WHITMAN	13,534	118	E	4.90	3.45	3.89	2.47	64	0.98	25	2.07	2.40	48.5	46.5	35	3.6
86. WILBRAHAM	12,053	135	W	12.50	12.27	12.12	6.79	56	2.29	19	4.47	9.12	51	44	35	7.7
87. WILMINCTON	17,471	92	E	11.18	11.18	11.18	8.66	77	2.11	19	4.40	6.90	60	52	35	9.8
88. WINCHESTER	20,701	76	E	24.61	24.40	24.49	16.70	68	3.97	16	5.51	11.11	63	44.5	35	22.9
89. WINTHROP	19,294	80	E	7.81	7.56	7.58	5.82	77	1.23	16	4.54	3.75	50	43	37.5	9.1
90. YARMOUTH	18,449	84	E	6.92	5.71	6.69	3.20	48	1.64	24	3.52	9.64	50	50	35	6.4

Population Group V
(25,000-49,999)

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
1. AGAWAM	26,271	57	W	9.13	8.91	8.81	5.30	60	1.66	19	3.06	5.35	65	57	35	12.1
2. AMHERST	33,229	41	W	14.50	13.10	13.98	9.20	66	2.25	16	3.62	7.07	63	59	37.5	30.1
3. ANDOVER	26,370	56	E	28.01	28.01	28.01	16.51	59	4.81	17	7.13	12.47	71	60	37.5	30.4
4. ARLINGTON	48,219	22	E	17.34	16.67	17.32	12.29	74	2.59	16	3.49	7.85	69	60	35	38.9
5. ATTLEBORO	34,196	40	E	7.57	6.91	7.50	4.77	64	1.59	21	3.35	4.30	63	50	35	14.3
6. BARNSTABLE	30,898	43	E	19.52	12.45	18.57	9.69	52	3.00	16	6.03	11.13	65	65	40	27.6
7. BELMONT	26,100	58	E	21.80	21.80	21.67	16.43	76	2.69	12	5.32	11.29	69	57	35	24.8
8. BEVERLY	37,655	30	E	12.82	11.91	12.18	8.85	73	1.97	16	3.62	6.18	66	52	35	19.6
9. BILLERICA	36,727	32	E	6.44	6.44	6.35	4.25	67	0.90	14	1.46	3.15	64	56	37.5	11.7
10. BRAINTREE	36,337	36	E	13.72	13.47	13.05	8.87	68	1.96	15	3.00	5.61	61	52.5	38	23.9
11. CHELMSFORD	31,174	42	E	12.26	11.64	12.19	8.57	70	2.31	19	3.26	7.37	66	63	37.5	21.7
12. CHELSEA	25,431	60	E	9.43	9.43	9.43	6.98	74	1.72	18	5.97	4.89	63	42	35	12.0
13. DEDHAM	25,298	61	E	13.61	12.77	13.16	8.45	64	2.16	16	6.42	6.21	64	64	37.5	17.9
14. EVERETT	37,195	31	E	10.23	9.79	10.10	7.52	74	1.55	15	5.18	4.48	72	56	37	22.1
15. FITCHBURG	39,580	28	C	15.55	14.26	15.51	10.16	65	2.31	15	4.37	6.40	65	54	37.5	30.8
16. GLOUCESTER	27,768	52	E	12.14	9.96	11.67	8.68	74	1.58	14	3.81	5.48	63	59	32.5	15.7
17. HAVERHILL	46,865	23	E	10.00	7.82	10.00	6.32	63	1.33	13	3.69	4.51	65.5	61.5	40	24.1
18. HOLYOKE	44,678	26	W	6.12	4.70	5.57	3.34	60	1.07	19	3.31	2.49	64	56	35	13.9
19. LEOMINSTER	34,508	38	C	9.96	9.60	9.96	6.72	67	1.59	16	3.01	5.32	61	57	37.5	17.8
20. LEXINGTON	29,479	47	E	28.53	24.51	28.47	18.08	63	4.82	17	7.25	16.52	70	66	37	42.7
21. MARLBOROUGH	30,617	44	E	10.09	9.70	10.03	6.76	67	1.55	15	3.85	6.35	67	54	35	16.8
22. MELROSE	30,055	45	E	11.87	10.29	10.20	7.21	71	2.17	21	4.09	7.05	65	56	37	16.6
23. METHUEN	36,701	33	E	4.22	1.61	4.22	2.73	65	0.64	15	1.39	2.57	63	51	35	8.8
24. MILTON	25,860	59	E	15.46	14.49	15.36	11.11	72	2.49	16	5.44	8.06	68	60	37.5	18.4
25. NATICK	29,461	48	E	16.99	15.86	16.69	11.77	71	2.21	13	4.62	8.31	68.5	56.5	37.5	22.7
26. NEEDHAM	27,901	51	E	18.86	18.28	18.00	12.45	69	3.15	18	4.84	10.85	68	64	37.5	24.2

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
27. NORTHAMPTON	29,286	49	W	16.75	13.15	16.37	11.18	68	2.56	16	12.35	9.00	69	69	37.5	30.8
28. NORWOOD	29,711	46	E	14.00	14.00	14.00	10.38	74	1.71	12	2.85	6.29	72	60	35	19.6
29. PEABODY	45,976	24	E	9.29	8.42	9.29	5.07	55	1.19	13	1.89	2.39	69	65	35	15.8
30. PLYMOUTH	35,913	37	E	9.69	9.69	9.69	7.09	73	1.44	15	2.40	5.65	60	55	37.5	18.1
31. RANDOLPH	28,218	50	E	7.39	7.39	7.33	5.07	69	1.20	16	2.41	5.24	60	46	35	10.7
32. REVERE	42,423	27	E	3.36	3.36	3.36	2.57	77	0.45	13	1.58	1.11	65	53	40	9.7
33. SALEM	38,220	29	E	12.87	11.36	12.83	8.73	68	2.23	17	5.00	4.86	64	64	35	23.0
34. STOUGHTON	26,710	55	E	12.10	12.10	12.10	8.23	68	2.11	17	4.23	6.24	64	56	35	14.2
35. TAUNTON	45,001	25	E	7.28	7.12	7.28	5.22	72	1.12	15	5.43	4.29	64	55	35	20.5
36. WATERTOWN	34,384	39	E	20.66	20.61	20.55	15.46	75	2.62	13	3.66	5.99	60	49	37	36.5
37. WELLESLEY	27,209	53	E	26.11	25.88	26.11	17.02	65	4.79	18	8.07	11.94	66	63	35	32.2
38. WEST SPRINGFIELD	27,042	54	W	9.33	8.99	8.95	6.13	68	1.42	16	3.43	5.47	47	41	37.5	11.1
39. WESTFIELD	36,465	35	W	11.63	10.77	11.63	8.19	70	1.54	13	4.10	9.09	63	54.5	37	23.5
40. WOBURN	36,626	34	E	6.71	6.61	6.68	5.15	77	0.88	13	2.75	2.60	64	47	37.5	13.6

Population Group VI (50,000-99,999)

POPULATION GROUP VI (50,000 - 99,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. BROCKTON	95,172	6	E	7.58	7.52	7.58	5.87	77	0.88	12	2.99	4.16	64	52	35	41.7
2. BROOKLINE	55,062	19	E	26.07	25.84	25.66	18.33	71	4.14	16	6.89	8.43	63	61	37	55.7
3. CAMBRIDGE	95,322	5	E	14.07	14.06	14.02	11.23	80	1.65	12	4.54	6.14	68	60	37.5	65.9
4. CHICOPEE	55,112	18	W	7.25	7.16	7.01	5.39	77	1.05	15	1.93	3.52	63	50.5	35	26.6
5. FALL RIVER	92,574	7	E	4.95	4.86	4.79	3.27	68	0.88	18	3.51	2.40	64	56	35	23.1
6. FRAMINGHAM	65,113	13	E	14.63	14.21	14.18	10.44	74	2.73	19	3.27	7.35	67.5	60.5	37.5	44.9
7. LAWRENCE	63,175	14	E	7.26	7.14	7.24	3.86	53	1.08	15	3.82	1.06	64	40	35	15.9
8. LOWELL	92,418	8	E	4.53	4.40	4.45	3.78	85	0.52	12	2.07	1.85	63.5	49	35	26.7
9. LYNN	78,471	11	E	7.53	7.39	7.52	5.96	79	1.00	13	3.35	2.39	63	43	35	33.0
10. MALDEN	53,386	20	E	9.07	7.48	8.44	5.50	65	1.33	16	4.10	2.95	66	54	35	23.5
11. MEDFORD	58,076	16	E	9.72	9.72	9.72	7.78	80	1.20	12	2.07	2.63	65	57	35	25.5
12. NEW BEDFORD	98,478	4	E	9.05	8.08	8.61	6.66	77	0.93	11	4.46	4.06	64	64	35	55.3
13. NEWTON	83,622	10	E	16.23	15.90	16.06	11.47	71	2.18	14	4.64	6.73	69	62	37.5	67.4
14. PITTSFIELD	51,974	21	W	9.01	8.62	9.06	7.28	80	1.15	13	3.76	7.28	63	59	35	28.1
15. QUINCY	84,743	9	E	11.49	11.25	11.25	8.27	74	1.60	14	2.61	4.55	62	54	35	38.4
16. SOMERVILLE	77,372	12	E	8.89	8.35	8.48	7.04	83	0.96	11	2.78	2.40	61	57	35	35.2
17. WALTHAM	58,200	15	E	6.90	6.90	6.90	5.61	81	0.89	13	2.56	4.03	63	53	35	20.6
18. WEYMOUTH	55,601	17	E	8.19	7.99	7.94	6.03	76	0.99	13	2.84	4.72	67	56	35	25.2

Population Group VII
(100,000+)

POPULATION GROUP VII (100,000+)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. BOSTON	562,994	1	E	22.49	21.83	22.11	14.38	65	3.03	14	9.73	1.57	68	64	35	522.1 +
2. SPRINGFIELD	152,319	3	W	19.70	17.94	19.70	14.58	74	2.74	14	4.58	6.20	64	52	37.5	148.3
3. WORCESTER	161,799	2	C	15.11	14.28	14.16	10.07	71	2.15	15	5.44	4.23	67	63	40	129.3

Section Three:
FY84 Library Incentive Grant Application
Page 2

Annual Report Information Survey
Last Page

A. TOTAL OPERATING INCOME (in whole dollars)

1. Appropriated Municipal Income
   - a. Municipal Appropriation .....
   - b. Carry-over .....
   - c. Library Incentive Grant .....
   - d. Dog Tax Fund .....
   - e. Federal Revenue Sharing .....
   - f. Additional Aid to Public Libraries .....
   - g. Other .....
2. Additional Monies — Nongrant
   - a. Trusts and Endowments .....
   - b. Monetary Gifts .....
   - c. Miscellaneous .....
3. Additional Monies — Grant
   - a. Non-governmental Grants .....
   - b. LSCA .....
   - c. Other Federal Grants .....
   - d. Other State Grants .....
   - e. Regional & Subregional Monies .....

BOX A

Total Appropriated Municipal Income

C. CAPITAL PROGRAMS & OUTLAYS*

1. Income
   - a. Appropriated Municipal Income .....
   - b. Additional Aid to Public Libraries
   - c. Additional Monies .....

BOX C1

TOTAL

BOX C2

2. Expenditures .....

*Funds reported in Section C should not be reported in Sections A or B

B. TOTAL OPERATING EXPENDITURES (in whole dollars)

Report from A1 and A2 above, exclude A3 above.

1. Salaries .....

2 a. Library Print Materials
   1. books.....
   2. periodicals.....
   3. microforms.....

Library Print Materials Subtotal

b. Library Non-Print & Additional Materials .....

3. Other Operating Expenditures .....

Box B1

Total Salary Expenditures

Box B2

Total Materials Expenditures

Box B3

Other Operating Expenditures

Box B

Total Operating Expenditures

p. 2

READ THESE INSTRUCTIONS BEFORE COMPLETING THE APPLICATION: If the instructions are unclear or do not address a particular situation existing in your library, please call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

p1 At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from FY84, that is 1 July 1983 through 30 June 1984.

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p2 A **TOTAL OPERATING INCOME (Please report in whole dollars)**

Exclude - income earmarked for capital programs and outlays

p2 A1 **Appropriated Municipal Income**

A1a Municipal Appropriation

Include + funds appropriated for operating expenditures

+ appropriations received through the supplemental budget process

Exclude - Carry-over from FY83
- Library Incentive Grant
- Dog Tax Fund
- Federal Revenue Sharing
- Additional Aid to Public Libraries
- Other (appropriated)
- Regional and Subregional monies

A1b Carry-over: Enter "included in 1a,c,d,e,g" as appropriate if carry-over is already reported elsewhere.

Include + FY83 appropriated monies which were unencumbered and unexpended that year and authorized by the municipality for operating expenses during FY84

A1c Library Incentive Grant: Enter "included in 1a" if the amount of the Library Incentive Grant is already reported in "Municipal Appropriation" above.

Include + only the amount of funds authorized by the municipality during FY84 for the library's operating expenses

Exclude - Additional Aid to Public Libraries

A1d Dog Tax Fund: Enter "included in 1a" if the amount is already reported above.

Include + only if funds were authorized by the municipality for the library's operating expenses

A1e Federal Revenue Sharing: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if authorized by the municipality for the library's operating expenses

A1f Additional Aid to Public Libraries: Enter "included in 1a" if the amount is already reported above in Municipal Appropriation.

Include + the monies from line 15 of the FY84 Cherry Sheet if the monies were appropriated to the library to cover operating expenses. The Cherry Sheet labeled these monies as "Additional Aid to Public Libraries"; informally they have also been referred to as the "supplemental aid".

Exclude - the Library Incentive Grant monies which were noted on line 16 (labeled Public Libraries) of the FY84 Cherry Sheet.

A1g Other (appropriated): Enter "included in 1a" if the amount of other appropriated income is already reported in "Municipal Appropriation" above.

Include + appropriated revenue not specified elsewhere in A1a-f. Such revenue may be from fines and fees, duplicating machine or public access microcomputer usage, rentals, or the sale of inventory and fixed assets. Appropriated trust/endowment income should be reported here.

Exclude - receipts retained by the municipality and not authorized for the library's operating expenses

p2 Box A Add lines A1a-g and place the sum to the right in Box A labeled "Total Appropriated Municipal Income."

p2 A2 **Additional Monies - Nongrant**

A2a Trusts and Endowments

Include + interest or other income from trusts and endowments received between 1 July 1983 - 30 June 1984. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.

Exclude - the principal of trusts and endowments

A2b Monetary Gifts: Enter "included in 2a" if the amount is already reported above.

Include + monetary gifts received from civic and business organizations and foundations as well as from individuals

Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture etc.)

- grants from foundations or civic and business organizations

A2c Miscellaneous: Enter "included in 2a or b" as appropriate if the amount is already reported elsewhere

Include + other nongrant income retained by the library and not specified in A2a or b. Such revenue may be from fines, fees, duplicating machine or public access microcomputer usage, rentals, the sale of inventory and fixed assets, or proceeds from fundraising projects or consignment shops.

Exclude - receipts returned to the municipality and not authorized for the library's operating expenses

p2 A3 Additional Monies - Grant: Monies reported here should not be reported anywhere else on the application; exclude from sections B and C.

A3a Non-governmental Grants

Include + non-governmental grant monies received as a result of a proposal prepared in response to the requirements of the grantor. Grantors may include civic and business organizations and foundations.

Exclude - state and federal governmental grant monies

A3b LSCA

Include + total grant monies received under the Library Services and Construction Act between 1 July 1983 and 30 June 1984 for library operating expenses

A3c Other Federal Grants

Include + with the exceptions noted below, federal grant monies received between 1 July 1983 and 30 June 1984 for library operating expenses

Exclude - federal revenue sharing
- LSCA
- federally subsidized employment programs such as Senior Aides funded under the Older Americans Act and programs under CETA and its successor, the Job Training Partnership Act
- federal income earmarked for capital programs and outlays

A3d Other State Grants

Include + with the exceptions of the Library Incentive Grant and the Additional Aid to Public Libraries, income from state government grants such as those awarded by the Massachusetts Arts Lottery Council.

A3e Regional and Subregional Monies: This item applies only to the braries contracting directly with the Board of Library Commissioners.

Include + amount of state funds received for providing regional and subregional services

p2 B TOTAL OPERATING EXPENDITURES (Please report in whole dollars)

Include + expenditures and encumbrances from income reported above in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant)

+ **expenditures**, defined as the cost of goods delivered or services rendered

+ **encumbrances**, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY84 Total Appropriated Municipal Income or Additional Monies - Nongrant. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. If in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-c (Capital Programs and Outlays)

p2 B1 Salaries

Include + expenditures and encumbrances from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year

Exclude - contracted building maintenance services
- salaries paid with federal monies (LSCA, CETA, the Job Training Partnership Act, etc.) other than federal revenue sharing
- salaries paid by other municipal departments
- pension and fringe benefit expenditures (If either or both are paid from the library's Total Appropriated Municipal Income and/or Additional Monies - Nongrant, include the amount expended in "Other Operating Expenditures" Box B3 below.)

p2 Box B1 Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."

p2 B2a1-3 Library Print Materials

Include + expenditures and encumbrances from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books

+ separate amounts for periodicals and microforms

p2 Sub-total Add lines B2a1-3 and place the total below in the box labeled "Library Print Materials Subtotal."

p2 B2b Library Non-Print and Additional Materials

Include + expenditures and encumbrances for income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ audio recordings (disc, reel-to-reel tape, and cassette audio recordings)

+ 8 and 16mm films if they are part of the library's permanent collection

+ other AV materials which require the use of special equipment to be seen or heard

+ additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g., maps, art prints, globes, vertical file material, and games

+ microcomputer software

p2 Box B2 Add the amounts reported in the box marked Library Print Materials Subtotal and on line 32b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."

p2 B3 Other Operating Expenditures

Include expenditures and encumbrances:

+ from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for all purposes other than salaries and materials

+ for items such as the following, for example:
  maintenance of plant; electricity
  telephone and telecommunications
  equipment and film rentals

equipment maintenance contracts
annual network and consortium membership fees
supplies, postage; binding and rebinding
fees for speakers; pension and fringe benefit costs
creation of machine-readable records

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-c (Capital Programs and Outlays) above

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

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p2 C CAPITAL PROGRAMS AND OUTLAYS

In general, libraries where automated systems have been purchased or that are participating in automated networks for resource sharing (e.g. NOBLE, Merrimack Valley Library Cooperative, C/W MARS, etc.) **should record here the income for, and expenditures on, the library's purchase of hardware associated with that membership.** Also record here the income for, and expenditures on, the library's creation of machine-readable records in a retrospective conversion project if it was not reported as part of operating income and expenditures (p.2 A1-2 and B1-3) or grant operating income (p.2 A3).

p2 C1 INCOME (Capital)

Include + income for capital programs or outlays, generally defined as resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year. Municipalities, however, often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustees. **Note that any income reported here in section C1 should not be reported in section A.**

C1a Appropriated Municipal Income (Capital)

Include + appropriations for capital programs and outlays from sources of income comparable to the operating income sources listed in section A1a-e and g.

C1b **Additional Aid to Public Libraries**

Include + Additional Aid to Public Library monies <u>appropriated for library capital programs and outlays</u>. Additional Aid to Public Libraries monies were reported to municipalities on line 15 of the FY84 Cherry Sheet and informally have been called "supplemental aid" funds.

Exclude - any Library Incentive Grant monies appropriated for Capital programs and outlays. Such income should be reported on line C1a.

C1c **Additional Monies (Capital)**

Include + income for capital programs and outlays from sources of income comparable to the operating income sources listed in sections A2 and A3, for example:
interest from trusts and endowments
monetary gifts
Friends of the Library
federal monies excluding federal revenue sharing
selected state monies

p2 Box C1 <u>Add lines C1a-c and place the sum in the box below labeled C1.</u>

p2 C2 **Expenditures (Capital)**

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of income listed above in C1a-c. **Note that any expenditures reported here in section C2 should not be reported in section B.**

p2 Box C2 <u>Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.</u>

HOLDINGS AND CIRCULATION INFORMATION FOR FY84

A. HOLDINGS

1. LIBRARY PRINT MATERIALS
   a. Volumes Owned.....
   b. Volumes of Bound Periodicals.....
   c. Periodical Subscriptions Rec'd...
   d. Physical Units of Microforms.....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   a. Audio Recordings.....
   b. Films 8mm.....
   c. Films 16mm.....
   d. Filmstrips.....
   e. Slide Sets.....
   f. Videotapes:.....reels_____ + cassettes_____ =
   g. Multi-media Kits.....
   h. Framed Art Prints.....
   i. Other.....

TOTAL A

B. CIRCULATION

1. LIBRARY PRINT MATERIALS
   a. Direct Circulation to Users.....
   b. Circulation from other Libraries to Users (ILL).....
   c. Circulation to other Libraries (ILL).....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   a. Audio Recordings.....
   b. Films 8mm.....
   c. Films 16mm.....
   d. Filmstrips.....
   e. Slide Sets.....
   f. Videotapes:.....reels _____ + cassettes _____ =
   g. Multi-media Kits.....
   h. Framed Art Prints.....
   i. Other.....

TOTAL B

Data reported on this page should be for FY84, covering the 12-month period between July 1, 1983 and June 30, 1984. If data are reported for another 12-month period, please supply inclusive dates here_____.

ANNUAL REPORT INFORMATION SURVEY INSTRUCTIONS

HOLDINGS AND CIRCULATION INFORMATION FOR FY84

A1 HOLDINGS: LIBRARY PRINT MATERIALS

A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.

A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.

A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.

A2b-c Films 8mm and 16mm: Count only those owned by the library.

A2d-e Filmstrips and Slide Sets: Include sound and silent.

A2f Videotapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all videotapes (excluding, of course, blank tapes).

A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

A2h Framed Art Prints: Include framed art prints intended for circulation. Do not include individual photographs or clippings.

A2i Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, microcomputer software, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.

B1 CIRCULATION: LIBRARY PRINT MATERIALS

B1a Direct Circulation to Users: Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library system should also be included in this count.

B1b Circulation from Other Libraries to Users (ILL): Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.

B1c Circulation To Other Libraries (ILL): Count one for each book or issue of a periodical loaned to another library, and one for each renewal. This figure should reflect the interlibrary loans sent by the library.

B2 CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS

B2a-i Count one for each title lent from the library's own collection, or received from the regional public library system or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400.

Municipal Index to Population Groups

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
ABINGTON	IV	BARRE	II	BREWSTER	III
ACTON	IV	BECKET	I	BRIDGEWATER	IV
ACUSHNET	III	BEDFORD	IV	BRIMFIELD	II
ADAMS	IV	BELCHERTOWN	III	BROCKTON	VI
AGAWAM	V	BELLINGHAM	IV	BROOKFIELD	II
ALFORD	I	BELMONT	V	BROOKLINE	VI
AMESBURY	IV	BERKLEY	II	BUCKLAND	I
AMHERST	V	BERLIN	II	BURLINGTON	IV
ANDOVER	V	BERNARDSTON	I	CAMBRIDGE	VI
ARLINGTON	V	BEVERLY	V	CANTON	IV
ASHBURNHAM	II	BILLERICA	V	CARLISLE	II
ASHBY	II	BLACKSTONE	III	CARVER	III
ASHFIELD	I	BLANDFORD	I	CHARLEMONT	I
ASHLAND	III	BOLTON	II	CHARLTON	III
ATHOL	IV	BOSTON	VII	CHATHAM	III
ATTLEBORO	V	BOURNE	IV	CHELMSFORD	V
AUBURN	IV	BOXBOROUGH	II	CHELSEA	V
AVON	III	BOXFORD	III	CHESHIRE	II
AYER	III	BOYLSTON	II	CHESTER	I
BARNSTABLE	V	BRAINTREE	V	CHESTERFIELD	I

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
CHICOPEE	VI	DUNSTABLE	I	FRANKLIN	IV
CHILMARK	I	DUXBURY	IV	FREETOWN	III
CLARKSBURG	I	EAST BRIDGEWATER	III	GARDNER	IV
CLINTON	IV	EAST BROOKFIELD	I	GAY HEAD	I
COHASSET	III	EAST LONGMEADOW	IV	GEORGETOWN	III
COLRAIN	I	EASTHAM	II	GILL	I
CONCORD	IV	EASTHAMPTON	IV	GLOUCESTER	V
CONWAY	I	EASTON	IV	GOSHEN	I
CUMMINGTON	I	EDGARTOWN	II	GOSNOLD	I
DALTON	III	EGREMONT	I	GRAFTON	IV
DANVERS	IV	ERVING	I	GRANBY	III
DARTMOUTH	IV	ESSEX	II	GRANVILLE	I
DEDHAM	V	EVERETT	V	GREAT BARRINGTON	III
DEERFIELD	II	FAIRHAVEN	IV	GREENFIELD	IV
DENNIS	IV	FALL RIVER	VI	GROTON	III
DIGHTON	III	FALMOUTH	IV	GROVELAND	III
DOUGLAS	II	FITCHBURG	V	HADLEY	II
DOVER	II	FLORIDA	I	HALIFAX	III
DRACUT	IV	FOXBOROUGH	IV	HAMILTON	III
DUDLEY	III	FRAMINGHAM	VI	HAMPDEN	II

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
HANCOCK	I	HULL	III	LUNENBURG	III
HANOVER	IV	HUNTINGTON	I	LYNN	VI
HANSON	III	IPSWICH	IV	LYNNFIELD	IV
HARDWICK	II	KINGSTON	III	MALDEN	VI
HARVARD	IV	LAKEVILLE	III	MANCHESTER	III
HARWICH	III	LANCASTER	III	MANSFIELD	IV
HATFIELD	II	LANESBOROUGH	II	MARBLEHEAD	IV
HAVERHILL	V	LAWRENCE	VI	MARION	II
HEATH	I	LEE	III	MARLBOROUGH	V
HINGHAM	IV	LEICESTER	III	MARSHFIELD	IV
HINSDALE	I	LENOX	III	MASHPEE	II
HOLBROOK	IV	LEOMINSTER	V	MATTAPOISETT	III
HOLDEN	IV	LEVERETT	I	MAYNARD	III
HOLLAND	I	LEXINGTON	V	MEDFIELD	IV
HOLLISTON	IV	LEYDEN	I	MEDFORD	VI
HOLYOKE	V	LINCOLN	III	MEDWAY	III
HOPEDALE	II	LITTLETON	III	MELROSE	V
HOPKINTON	III	LONGMEADOW	IV	MENDON	II
HUBBARDSTON	I	LOWELL	VI	MERRIMAC	II
HUDSON	IV	LUDLOW	IV	METHUEN	V

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
MIDDLEBOROUGH	IV	NEW SALEM	I	ORLEANS	III
MIDDLEFIELD	I	NEWBURY	II	OTIS	I
MIDDLETON	II	NEWBURYPORT	IV	OXFORD	IV
MILFORD	IV	NEWTON	VI	PALMER	IV
MILLBURY	IV	NORFOLK	III	PAXTON	II
MILLIS	III	NORTH ADAMS	IV	PEABODY	V
MILLVILLE	I	NORTH ANDOVER	IV	PELHAM	I
MILTON	V	NORTH ATTLEBORO	IV	PEMBROKE	IV
MONROE	I	NORTH BROOKFIELD	II	PEPPERELL	III
MONSON	III	NORTH READING	IV	PERU	I
MONTAGUE	III	NORTHAMPTON	V	PETERSHAM	I
MONTEREY	I	NORTHBOROUGH	IV	PHILLIPSTON	I
MT. WASHINGTON	I	NORTHBRIDGE	IV	PITTSFIELD	VI
NAHANT	II	NORTHFIELD	II	PLAINFIELD	I
NANTUCKET	III	NORTON	IV	PLAINVILLE	III
NATICK	V	NORWELL	III	PLYMOUTH	V
NEEDHAM	V	NORWOOD	V	PLYMPTON	I
NEW BEDFORD	VI	OAK BLUFFS	I	PRINCETON	II
NEW BRAINTREE	I	OAKHAM	I	PROVINCETOWN	II
NEW MARLBOROUGH	I	ORANGE	III	QUINCY	VI

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
RANDOLPH	V	SCITUATE	IV	STONEHAM	IV
RAYNHAM	III	SEEKONK	IV	STOUGHTON	V
READING	IV	SHARON	IV	STOW	III
REHOBOTH	III	SHEFFIELD	II	STURBRIDGE	III
REVERE	V	SHELBURNE	II	SUDBURY	IV
RICHMOND	I	SHERBORN	II	SUNDERLAND	II
ROCHESTER	II	SHIRLEY	III	SUTTON	III
ROCKLAND	IV	SHREWSBURY	IV	SWAMPSCOTT	IV
ROCKPORT	III	SHUTESBURY	I	SWANSEA	IV
ROWE	I	SOMERSET	IV	TAUNTON	V
ROWLEY	II	SOMERVILLE	VI	TEMPLETON	III
ROYALSTON	I	SOUTH HADLEY	IV	TEWKSBURY	IV
RUSSELL	I	SOUTHAMPTON	II	TISBURY	II
RUTLAND	II	SOUTHBOROUGH	III	TOLLAND	I
SALEM	V	SOUTHBRIDGE	IV	TOPSFIELD	III
SALISBURY	III	SOUTHWICK	III	TOWNSEND	III
SANDISFIELD	I	SPENCER	IV	TRURO	I
SANDWICH	III	SPRINGFIELD	VII	TYNGSBORO	III
SAUGUS	IV	STERLING	III	TYRINGHAM	I
SAVOY	I	STOCKBRIDGE	II	UPTON	II

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
UXBRIDGE	III	WEST SPRINGFIELD	V	WINDSOR	I
WAKEFIELD	IV	WEST STOCKBRIDGE	I	WINTHROP	IV
WALES	I	WEST TISBURY	I	WOBURN	V
WALPOLE	IV	WESTBOROUGH	IV	WORCESTER	VII
WALTHAM	VI	WESTFIELD	V	WORTHINGTON	I
WARE	III	WESTFORD	IV	WRENTHAM	III
WAREHAM	IV	WESTHAMPTON	I	YARMOUTH	IV
WARREN	II	WESTMINSTER	III		
WARWICK	I	WESTON	IV		
WATERTOWN	V	WESTPORT	IV		
WAYLAND	IV	WESTWOOD	IV		
WEBSTER	IV	WEYMOUTH	VI		
WELLESLEY	V	WHATELY	I		
WELLFLEET	II	WHITMAN	IV		
WENDELL	I	WILBRAHAM	IV		
WENHAM	II	WILLIAMSBURG	II		
WEST BOYLSTON	III	WILLIAMSTOWN	III		
WEST BRIDGEWATER	III	WILMINGTON	IV		
WEST BROOKFIELD	II	WINCHENDON	III		
WEST NEWBURY	II	WINCHESTER	IV		

FY84 COMPARATIVE PUBLIC LIBRARY REPORT: REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity

Population Group	Total Library Operating Income $				Appropriated Municipal Operating Income $				Total Library Operating Expenditures $				Salary Expenditures $				Material Expenditures $			
	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group
I 1-1,999	8.45	16.31	6.11	7.66	5.94	13.86	5.24	6.37	7.75	15.32	5.79	7.21	3.35	8.62	2.69	3.49	2.47	4.55	1.67	2.13
II 2,000-4,999	8.86	14.78	6.82	10.91	7.69	13.74	6.39	9.97	8.54	14.55	6.65	10.66	4.53	8.82	3.62	6.15	2.25	5.40	1.81	2.64
III 5,000-9,999	8.77	10.63	8.60	9.77	8.03	9.97	7.81	9.06	8.52	10.34	8.44	9.51	5.38	6.50	4.87	5.91	1.90	2.31	1.92	2.13
IV 10,000-24,999	11.16	12.27	10.18	11.85	10.63	11.56	9.76	11.20	10.87	11.94	9.95	11.53	7.02	8.21	6.73	7.84	2.11	2.16	1.68	2.10
V 25,000-49,999	12.94	12.90	10.97	12.62	12.09	11.97	9.65	11.63	12.93	12.70	10.61	12.41	8.56	8.65	7.04	8.41	1.98	1.99	1.70	1.95
VI 50,000-99,999	----	10.10	8.11	9.94	----	9.80	7.87	9.64	----	9.91	8.00	9.75	----	7.42	6.31	7.33	----	1.37	1.10	1.35
VII 100,000+	15.11	22.49	19.70	20.64	14.28	21.83	17.94	19.76	14.16	22.11	19.70	20.23	10.07	14.38	14.58	13.62	2.15	3.03	2.74	2.81
REGIONAL/ ALL GROUPS	11.62	13.13	11.43	12.72	10.87	12.48	10.47	12.01	11.21	12.87	11.23	12.45	7.36	8.83	7.74	8.50	2.08	2.04	1.85	2.02

for financial indicators:
C (Central Region) represents 62 reporting municipalities with a 1980 federal census of 674,247
E (Eastern Region) represents 172 reporting municipalities with a 1980 federal census of 4,165,247
W (Western Region) represents 82 reporting municipalities with a 1980 federal census of 767,057

CONTINUED ON REVERSE

FY84 COMPARATIVE PUBLIC LIBRARY REPORT: REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity (cont'd)

Population Group	Total Holdings C	E	W	Pop Group	Total Circulation C	E	W	Pop Group
I 1-1,999	8.69	13.61	8.34	9.00	7.60	14.35	7.15	8.04
II 2,000-4,999	5.63	7.06	8.30	6.85	6.04	10.11	6.87	7.89
III 5,000-9,999	4.08	4.50	5.15	4.49	5.66	7.14	5.90	6.51
IV 10,000-24,999	3.22	4.01	3.56	3.83	6.23	7.21	7.48	7.06
V 25,000-49,999	3.74	4.00	4.83	4.11	5.90	6.25	6.24	6.23
VI 50,000-99,999	----	3.51	2.82	3.46	----	4.07	5.35	4.17
VII 100,000+	5.44	9.73	4.58	8.05	4.23	1.57	6.20	2.87
REGIONAL/ ALL GROUPS	4.25	4.73	4.68	4.67	5.61	5.36	6.40	5.53

for holdings and circulation data:
C (Central Region) represents 66 reporting municipalities with a 1980 federal census of 691,581
E (Eastern Region) represents 174 reporting municipalities with a 1980 federal census of 4,190,816
W (Western Region) represents 85 reporting municipalities with a 1980 federal census of 773,251

Sources: FY85 LIG Applications, 1984 Annual Report Information Surveys
Compiled by the Massachusetts Board of Library Commissioners, Planning and Research Unit, December 1984